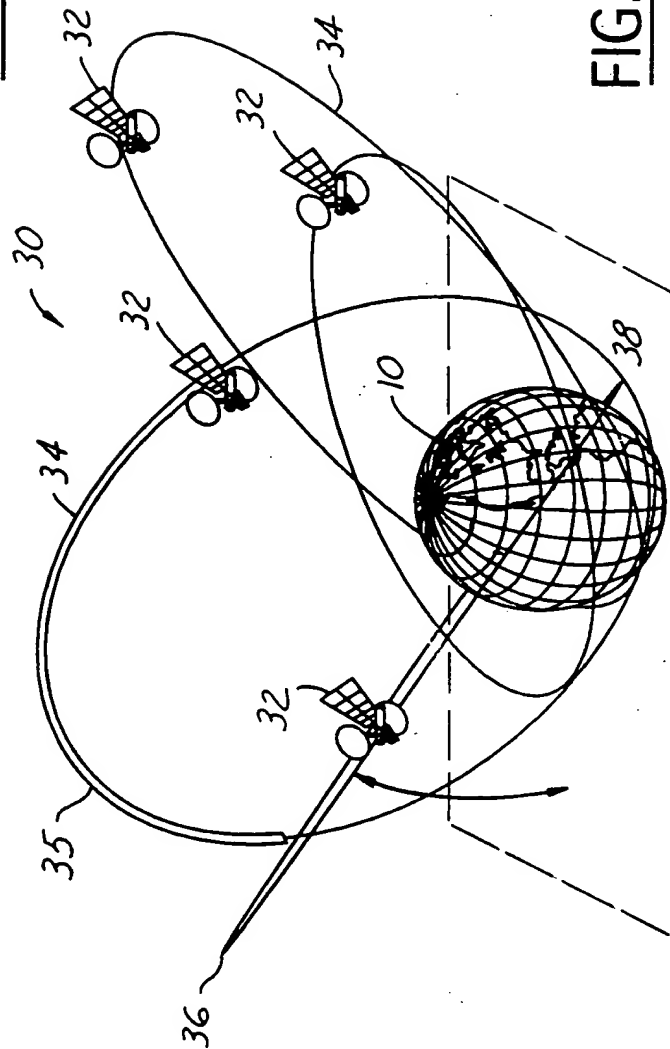
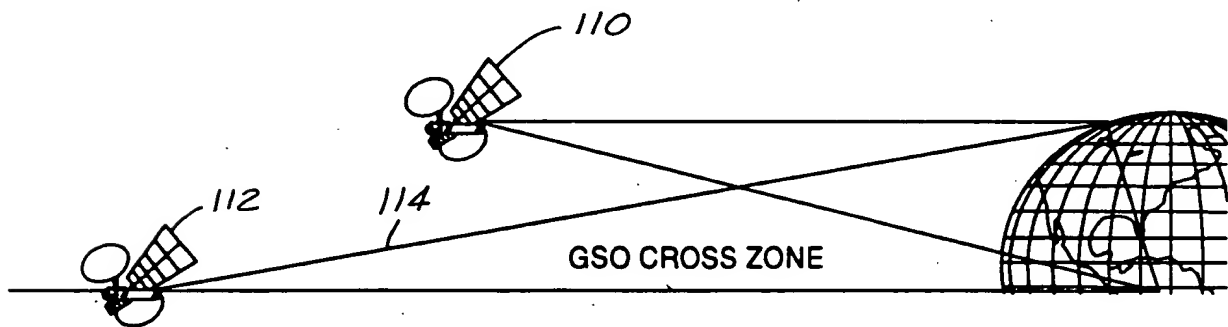
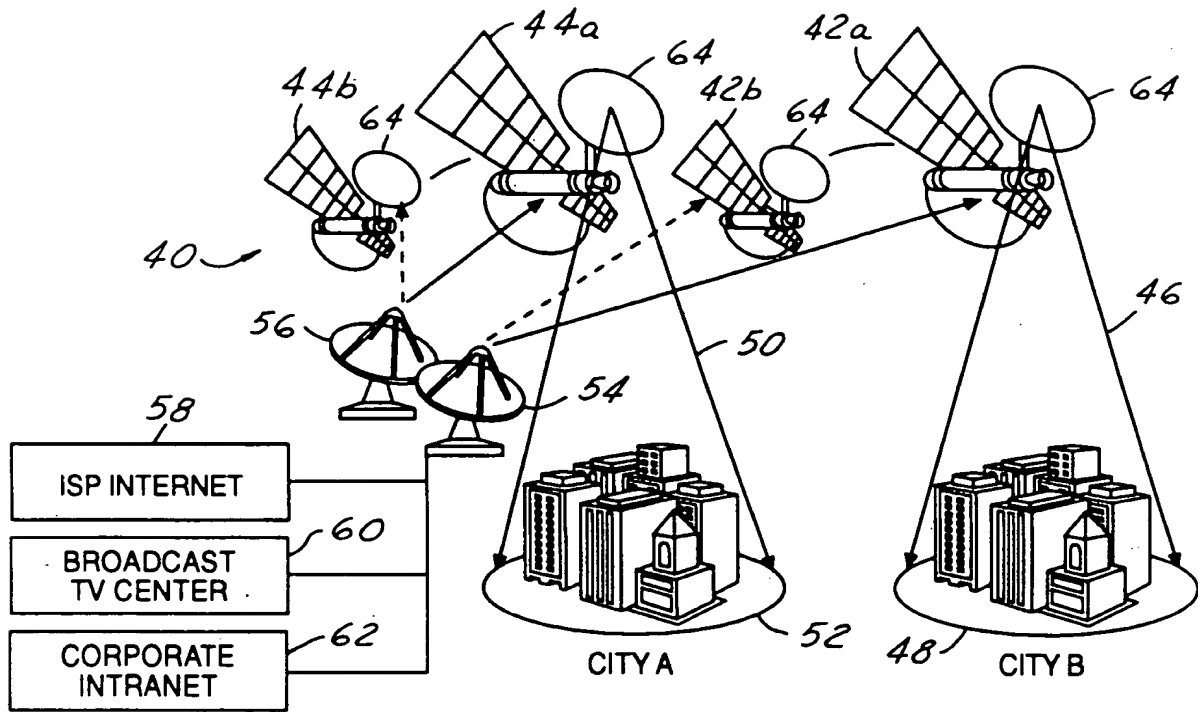


(PRIOR ART)

**FIG. 1**



**FIG. 2**



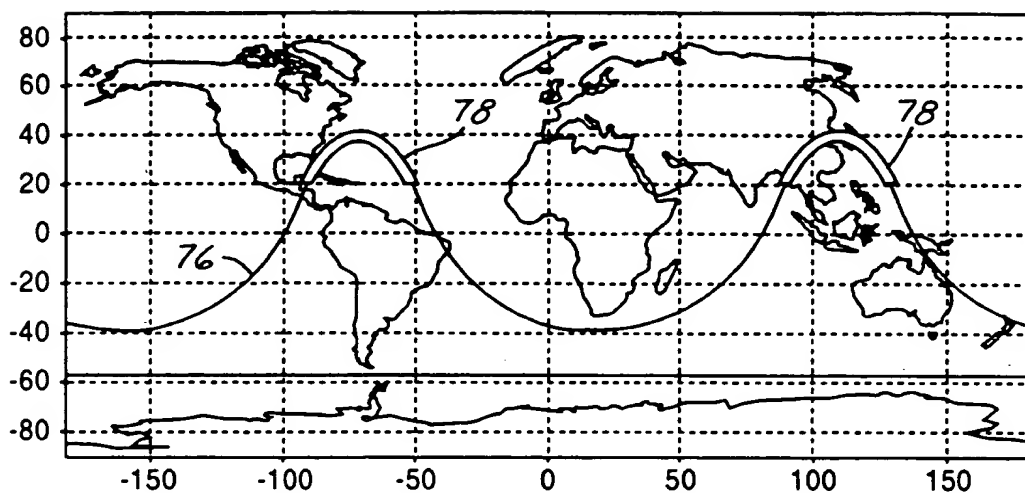
1 CASE	2 NUMBER OF TOTAL SATELLITES [X]	3 NUMBER OF ACTIVE SATELLITES [K]	4 ORBIT PERIOD PERCENTAGE (% OF SIDEREAL DAY S) [1/M*100%]	5 ACTIVE PERIOD PERCENTAGE (% OF SIDEREAL DAY S) [K/X*100%]	6 EXAMPLE ORBIT PARAMETERS I (INCLINATION) & E (ECCENTRICITY)	7 COVERAGE FEATURES (REF. SHOWN BELOW)	8 REFERENCE FIGURE
1	2	1	100% (M = 1)	50% (~12 HOURS)	I (50°), E (0.1)	R*, HE*	FIGURE 5
2	3	1	100% (M = 1)	33% (~8 HOURS)	I (50°), E (0.13)	R*, EHE*	FIGURE 6
3	3	2	50% (M = 2)	66% (~16 HOURS)	I (40°), E (0.3)	PM*	FIGURE 7
4	4	2	50% (M = 2)	50% (~12 HOURS)	I (40°), E (0.3)	PM*	
5	4	3	33% (M = 3)	75% (~18 HOURS)	I (16°), E (0.66)	G*, LO*	FIGURE 8
6	5	3	33% (M = 3)	60% (14.4 HOURS)	I (35°), E (0.66)	G*, PM*	
7	6	3	33% (M = 3)	50% (12 HOURS)	I (35°), E (0.66)	G*	
8	5	4	25% (M = 4)	80% (~19.2 HOURS)	I (35°), E (0.58)	G*	FIGURE 7
9	6	4	25% (M = 4)	66% (~16 HOURS)	I (35°), E (0.58)	G*	
10	7	4	25% (M = 4)	57% (~13.7 HOURS)	I (35°), E (0.58)	G*	
11	8	4	25% (M = 4)	50% (12 HOURS)	I (35°), E (0.58)	G*	

\*R: REGIONAL, HE: HIGH ELEVATION, EH: EXTREMELY HIGH ELEVATION, G: GLOBAL, LO: LANDMASS OPTIMIZED, AND PM: PRIMARY MARKET

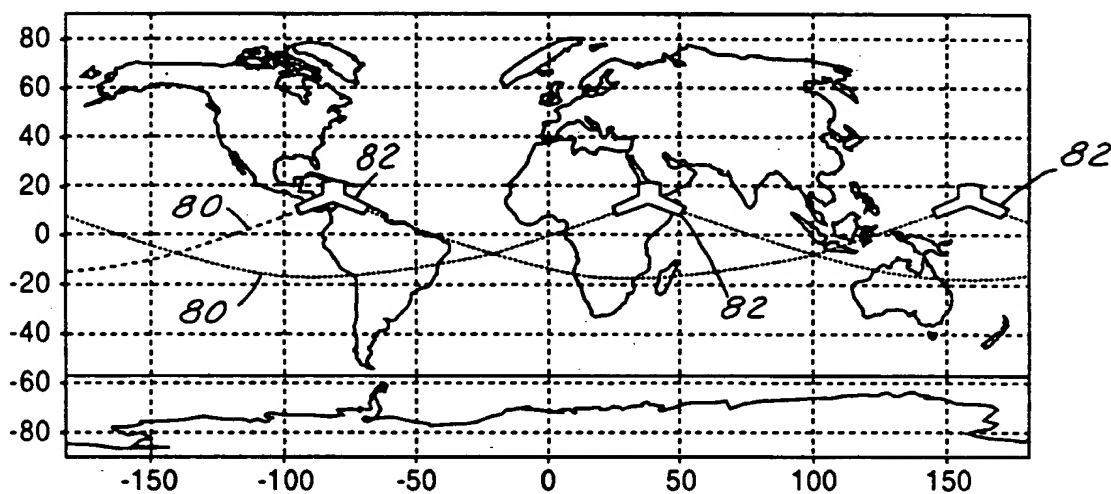
**FIG. 4**

A map of the North Pacific Ocean region, showing the coastline of North America on the left and the coastline of Asia on the right. The map includes latitude lines from 80°N to 80°S and longitude lines from 150°W to 0° (180°). Two stations are marked: station 74 is indicated by a solid line and a small circle, located in the central North Pacific around 40°N, 110°W. Station 72 is indicated by a dashed line and a small circle, located further south and east, around 20°N, 100°W.

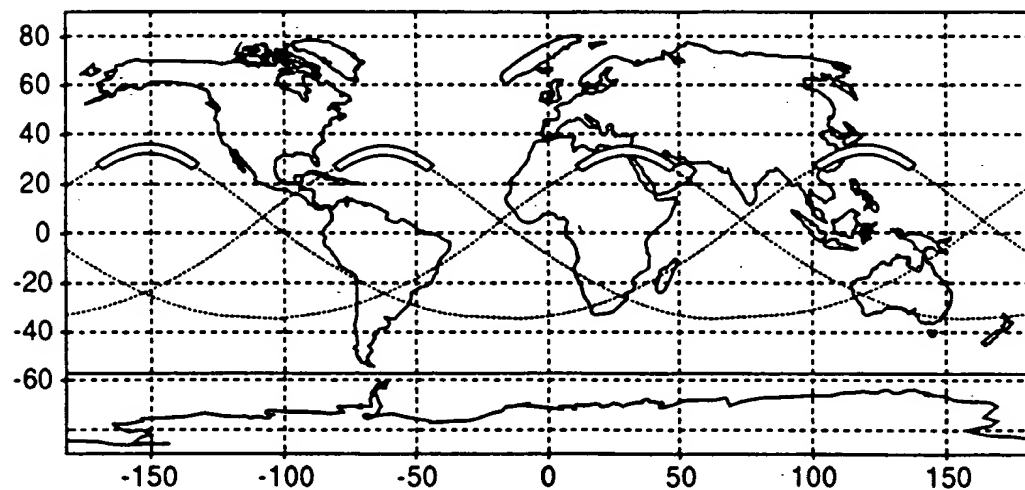
**FIG. 6**



**FIG. 7**



**FIG. 8**



**FIG. 9**

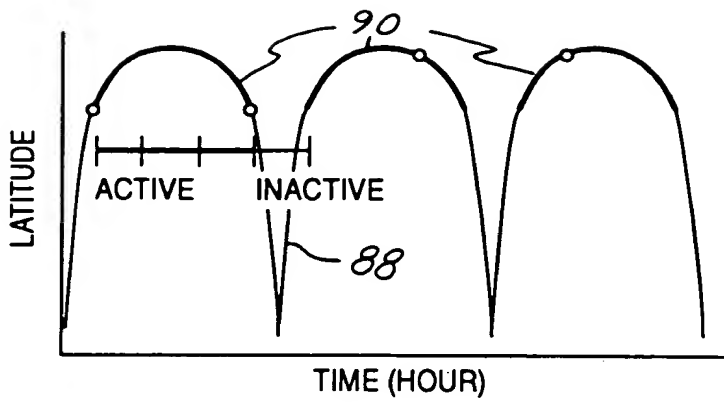


FIG. 10

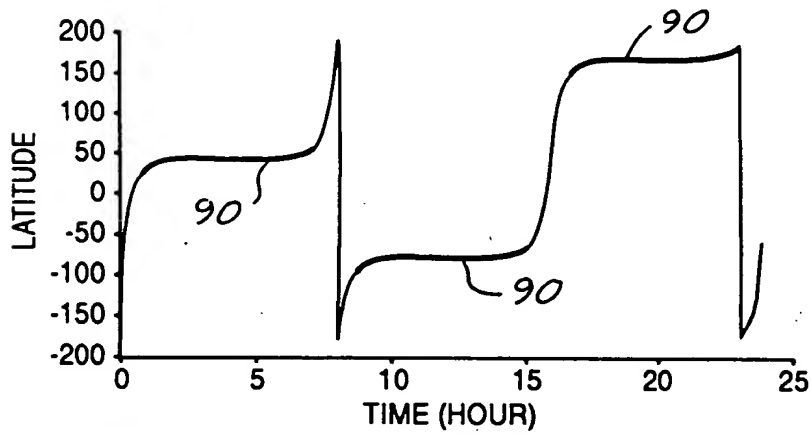


FIG. 11

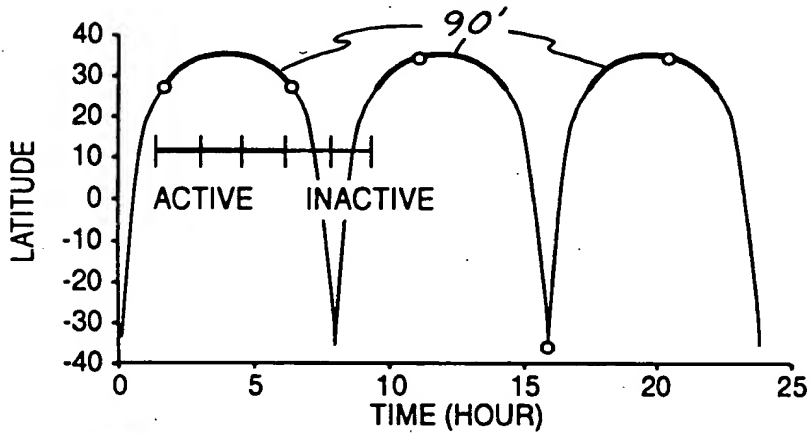


FIG. 13

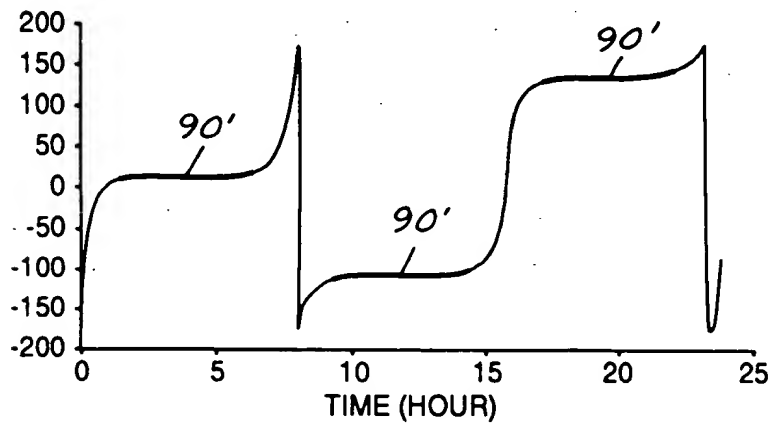


FIG. 14

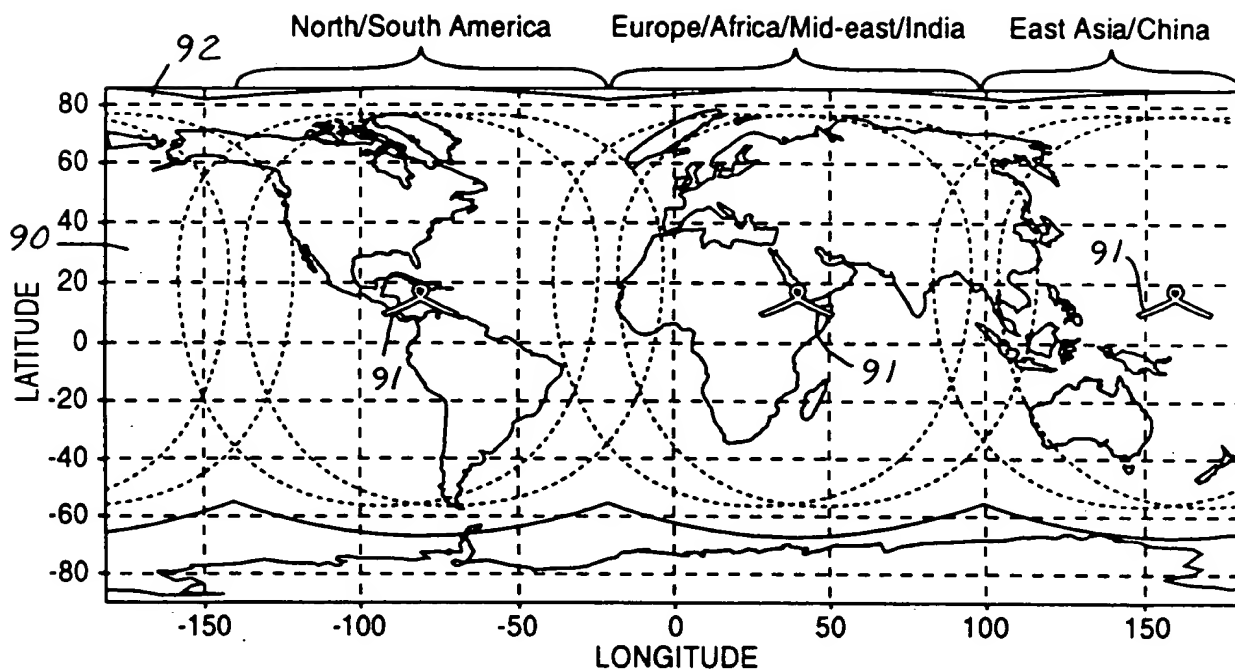


FIG.12

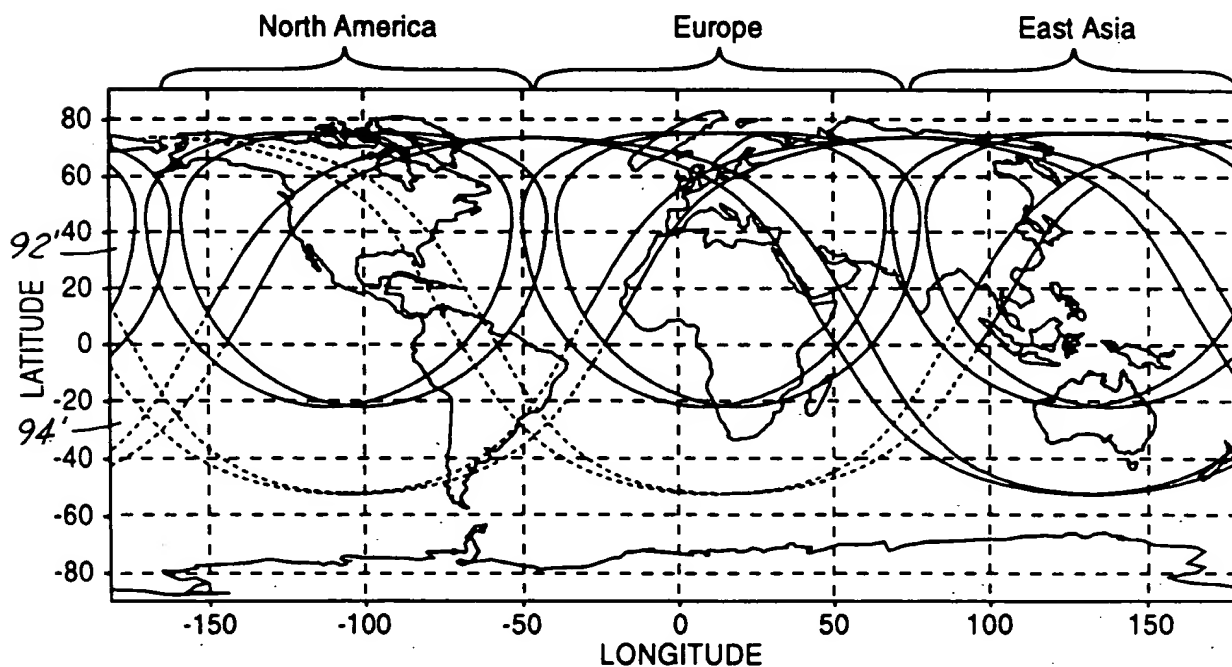
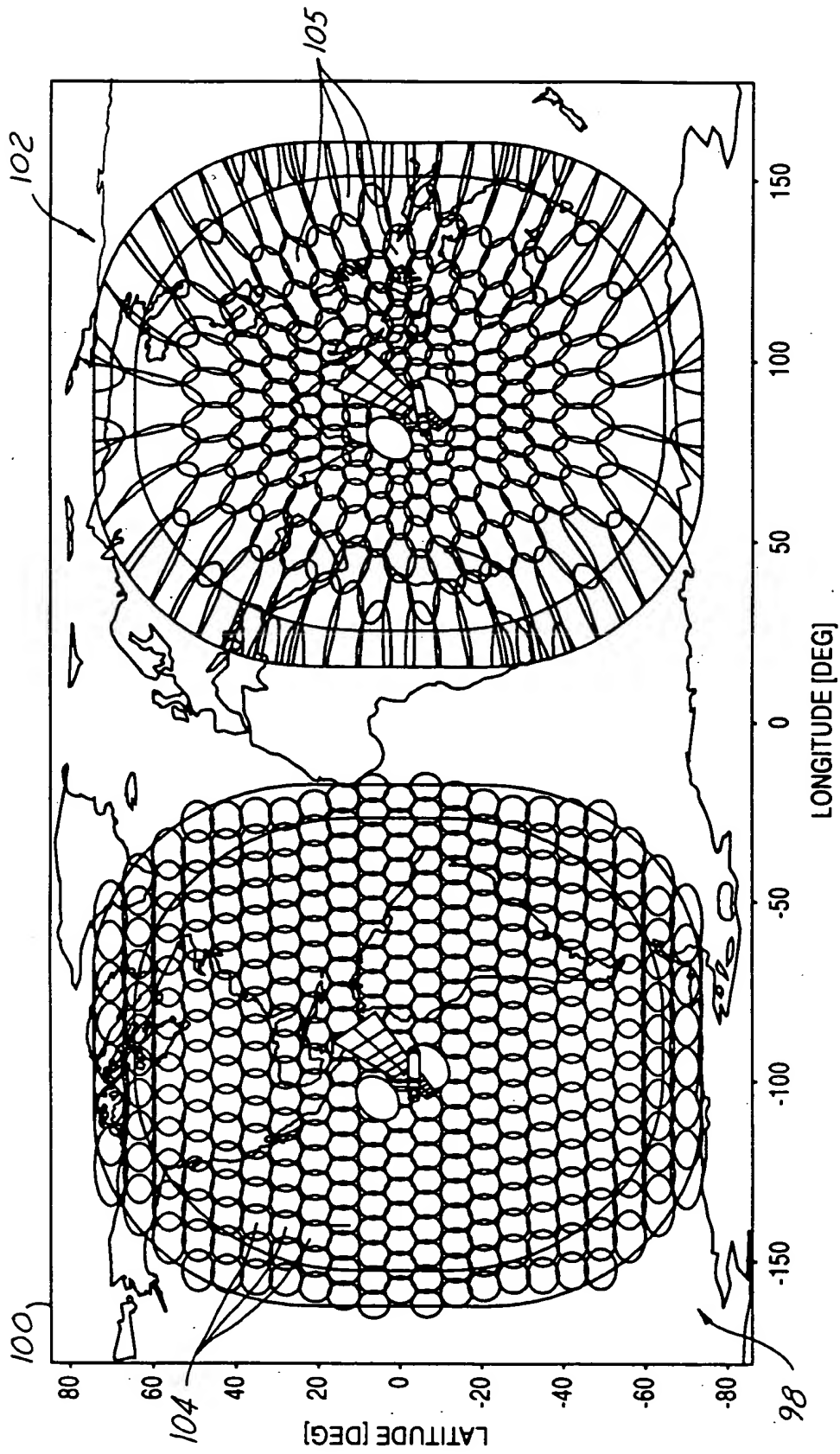


FIG.15



**FIG. 16**



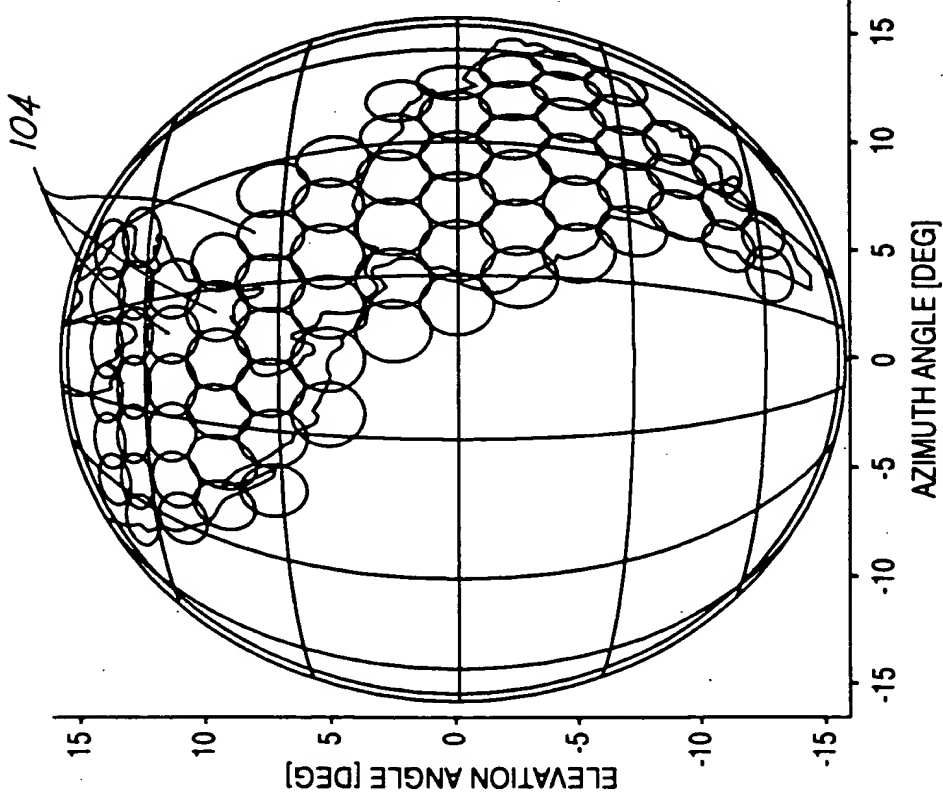


FIG. 17A

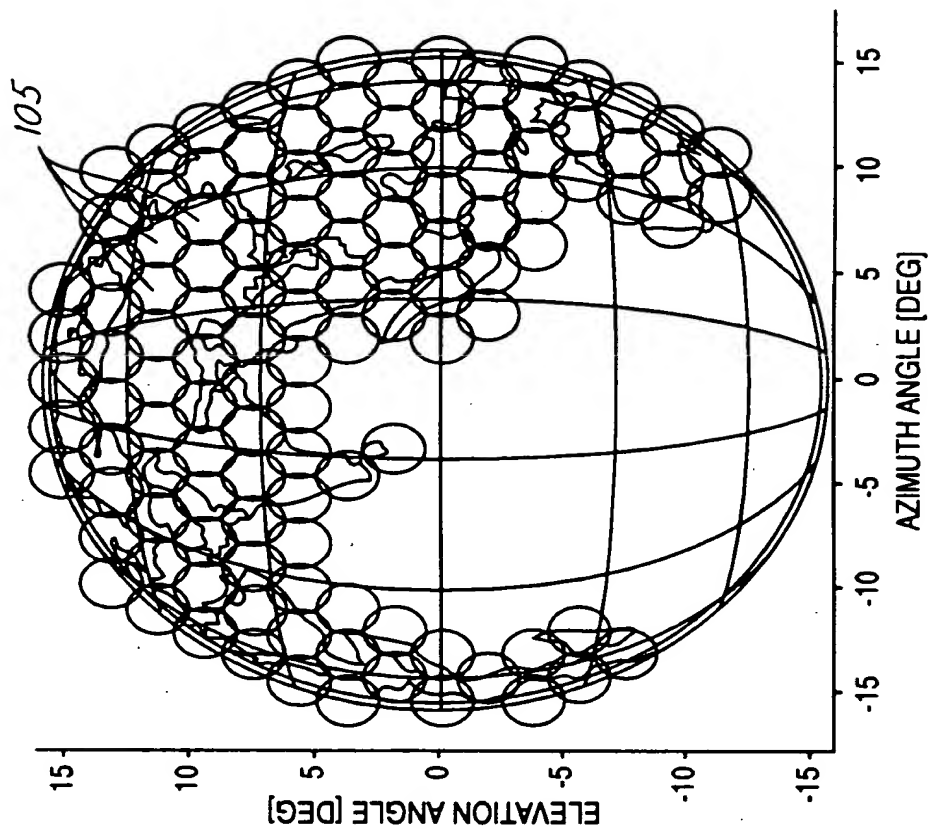


FIG. 17B